CIRHT Research Competencies

1. Researcher able to concisely frame and critique a research question that is useful, answerable and valid.

2. Researcher able to develop information search plan, navigate scholarly literature, and identify high quality resources.

3. Understand various research study design and methods and integrate an appropriate one.

4. Secure ethical review approval and understand laws behind ethical review of human subjects research.

5. Understand survey/questionnaire design methods and design appropriate survey instruments.

6. Able to collect data that address the research questions.

7. Understand basic quantitative/qualitative data management/analysis and interpretation method.

8. Understand the general format of a scientific abstract and able to write an effective one for proposed research topic.

9. Understand the general structure and principles of scientific writing and develop a research manuscript.

10. Able to assess and select appropriate target scientific journal for manuscript submission.

11. Understand steps and communications involved in peer review publication process.

12. Able to develop scientific presentation and communicate effectively in a scientific conference.

13. Understand roles and responsibilities of research mentors/mentees and able to engage effectively in either role.